PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Isabelle RICO-LATTES et al.

Group Art Unit:

Application No.: 10/564,888

Examiner:

Filed: January 17, 2006

Docket No.: 126554

For:

NOVEL DIBENZOYLMETHANE-BASED COMPOUNDS, USE AS

PHOTOACTIVATABLE SUNSCREENS AND COSMETIC COMPOSITIONS

CONTAINING THEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- \boxtimes This Information Disclosure Statement is being filed (a) within three months of 1. the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- \bowtie Relevance of one or more reference is discussed in the present specification. See References 1-5, 10 and 13-15.
- \boxtimes 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report was filed with this application on January 17, 2006. See References 7-9 and 13.
- \boxtimes One or more reference cited herein was cited in the French Search Report. An English language version of the French Search Report is attached for the Examiner's information. See References 6-8, 11 and 12.
- \boxtimes In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent 3. application publications are not attached.

- 4. An English language Abstract of one or more non-English language reference is attached hereto. See Reference <u>6</u>.
 - 5. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See Reference 6.

Respectfully submitted,

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Jacob A. Doughty Registration No. 46,671

WPB:JAD/tje

Date: April 18, 2006

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Sheet 1 of 1

Form PTO-1449 US Dept. of Commerce APPLICATION NO. ATTY DOCKET NO. (REV. 1/06) PATENT & TRADEMARK OFFICE 126554 10/564,888 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) APPLICANTS Isabelle RICO-LATTES et al. FILING DATE GROUP January 17, 2006 U.S. PATENT DOCUMENTS Cite Examiner Initials No. Document Number Date Name 6,444,195 B1 09/03/2002 Cole et al. FOREIGN PATENT DOCUMENTS Examiner Cite With With English Initials No. Document Number Date Country English Abstract Translation 2. FR 2 768 730 09/25/1997 **FRANCE** 3. FR 2 747 038 04/05/1996 **FRANCE** 4. FR 2 750 335 07/01/1996 **FRANCE** 5. WO 02/49598 A2 06/27/2002 **WIPO** Х 6. JP 06-095184 04/08/1994 **JAPAN** X X 7. BR 0 006 583 A 07/30/2002 **BRAZIL** 8. FR 2 440 933 06/06/1980 **FRANCE** 9. FR 2 526 658 07/30/2002 **FRANCE** OTHER DOCUMENTS Examiner Cite (Including Author, Title, Date, Pertinent Pages, etc.) Initials 10. Marzinzik, Andreas et al., "Solid Support Synthesis of Highly Functionalized Pyrazoles and Isoxazoles; Scaffolds for Molecular Diversity", Tetrahedron Letters, Vol. 37, No. 7, pp. 1003-1006, Great Britain, 1996. 11. Kagawa, Hiroyuki et al.. "3-(4-tert-Butylphenyl)-3-hydroxy-1-(4-methoxyphenyl)-2-propen-1-one: an SHG Active Beta-Diketone", Acta Crystallographica, Section C: Crystal Structure Communications, C49 (12), 2181-3 Coden: Acscee; ISSN: 0108-2701, 1993. 12. Dubois, M., et al., "Photoisomerisation of the Sunscreen Filter PARSOL 1789", Journal De Chimie Physique et de Physico-Chimie Biologuique, pp 388-394, L'Oreal, Laboratories, de Recherche Avancee, 1998. 13. Clark, James et al., "Hydrogen Bonding in Organic Synthesis Part 6 C-Alkylation of Beta-dicarbonyl Compounds Using Tetraalkylammonium Flourides", Journal of the Chemical Society, Perkin Transactions 1., pp 1743-1745, 1997. 14. Gruijl, Frank R., et al., "Wavelength Dependence of Skin Cancer Induction by Ultraviolet Irradiation of Albino Hairless Mice", Cancer Research 53, pp 53-60, January 1, 1993. 15. Hauser, Charles R. et al., "The Acylation of Ketones to Form Beta-Diketones or Beta-Keto Aldehydes", Duke University, pp 59-196, 1949-1950. **EXAMINER** DATE CONSIDERED

Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Date: April 18, 2006

Examiner: